

	n	BKS	P-B&C				BRKGA-QL			
			LB	UB	gap	T(S)	Best value	Average Value	gap	t
br17.aftsp_3_1.txt	17	31	31	31.00	0.00	0.00	<b>31</b>	31	0.00	0.03
br17.aftsp_3_2.txt	17	28	28	28.00	0.00	0.00	<b>28</b>	28	0.00	0.02
br17.aftsp_3_3.txt	17	39	39	39.00	0.00	0.00	<b>39</b>	39	0.00	0.02
br17.aftsp_3_4.txt	17	36	36	36.00	0.00	0.00	<b>36</b>	36	0.00	0.03
ftv33.aftsp_5_1.txt	33	868	868	868.00	0.00	0.00	<b>868</b>	868	0.00	0.11
ftv33.aftsp_5_2.txt	33	401	401	401.00	0.00	0.00	<b>401</b>	401	0.00	0.07
ftv33.aftsp_5_3.txt	33	1286	1286	1286.00	0.00	0.00	<b>1286</b>	1286	0.00	0.04
ftv33.aftsp_5_4.txt	33	829	829	829.00	0.00	0.00	<b>829</b>	829	0.00	0.04
ftv35.aftsp_5_1.txt	35	1008	1008	1008.00	0.00	0.00	<b>1008</b>	1008	0.00	0.05
ftv35.aftsp_5_2.txt	35	530	530	530.00	0.00	1.00	<b>530</b>	530	0.00	0.09
ftv35.aftsp_5_3.txt	35	1232	1232	1232.00	0.00	0.00	<b>1232</b>	1232	0.00	0.08
ftv35.aftsp_5_4.txt	35	1008	1008	1008.00	0.00	0.00	<b>1008</b>	1008	0.00	0.04
ftv38.aftsp_5_1.txt	38	830	830	830.00	0.00	0.00	<b>830</b>	830	0.00	0.12
ftv38.aftsp_5_2.txt	38	392	392	392.00	0.00	1.00	<b>392</b>	392	0.00	0.12
ftv38.aftsp_5_3.txt	38	1449	1449	1449.00	0.00	0.00	<b>1449</b>	1449	0.00	0.07
ftv38.aftsp_5_4.txt	38	774	774	774.00	0.00	0.00	<b>774</b>	774	0.00	0.07
p43.aftsp_6_1.txt	43	5483	5483	5483.00	0.00	0.00	<b>5483</b>	5483	0.00	0.08
p43.aftsp_6_2.txt	43	5473	5473	5473.00	0.00	1.00	<b>5473</b>	5473	0.00	0.13
p43.aftsp_6_3.txt	43	5530	5530	5530.00	0.00	0.00	<b>5530</b>	5530	0.00	0.10
p43.aftsp_6_4.txt	43	5492	5492	5492.00	0.00	0.00	<b>5492</b>	5492	0.00	0.11
ftv44.aftsp_6_1.txt	44	996	996	996.00	0.00	0.00	<b>996</b>	996	0.00	0.125
ftv44.aftsp_6_2.txt	44	625	625	625.00	0.00	1.00	<b>625</b>	625	0.00	0.127
ftv44.aftsp_6_3.txt	44	1343	1343	1343.00	0.00	1.00	<b>1343</b>	1343	0.00	0.13
ftv44.aftsp_6_4.txt	44	998	998	998.00	0.00	1.00	<b>998</b>	998	0.00	0.059
ftv47.aftsp_6_1.txt	47	1179	1179	1179.00	0.00	0.00	<b>1179</b>	1179	0.00	0.152
ftv47.aftsp_6_2.txt	47	729	729	729.00	0.00	1.00	<b>729</b>	729	0.00	0.164
ftv47.aftsp_6_3.txt	47	1472	1472	1472.00	0.00	0.00	<b>1472</b>	1472	0.00	4.408
ftv47.aftsp_6_4.txt	47	1099	1099	1099.00	0.00	0.00	<b>1099</b>	1099	0.00	0.124
ry48p.aftsp_48_6_1.txt	48	10318	10318	10318.00	0.00	1.00	<b>10318</b>	10318	0.00	0.387
ry48p.aftsp_48_6_2.txt	48	6787	6787	6787.00	0.00	2.00	<b>6787</b>	6787	0.00	0.31
ry48p.aftsp_48_6_3.txt	48	12752	12752	12752.00	0.00	1.00	<b>12752</b>	12755.3	0.00	11.216
ry48p.aftsp_48_6_4.txt	48	10139	10139	10139.00	0.00	1.00	<b>10139</b>	10139	0.00	3.543
ft53.aftsp_7_1.txt	53	3572	3572	3572.00	0.00	1.00	<b>3572</b>	3572	0.00	1.81
ft53.aftsp_7_2.txt	53	2819	2819	2819.00	0.00	4.00	<b>2819</b>	2822	0.00	9.77
ft53.aftsp_7_3.txt	53	5972	5972	5972.00	0.00	1.00	<b>5972</b>	5972	0.00	9.669
ft53.aftsp_7_4.txt	53	4734	4734	4734.00	0.00	1.00	<b>4734</b>	4734	0.00	0.396
ftv55.aftsp_7_1.txt	55	570	570	570.00	0.00	2.00	<b>570</b>	570	0.00	0.127
ftv55.aftsp_7_2.txt	55	365	365	365.00	0.00	3.00	<b>365</b>	365	0.00	0.133
ftv55.aftsp_7_3.txt	55	1021	1021	1021.00	0.00	0.00	<b>1021</b>	1021	0.00	0.103
ftv55.aftsp_7_4.txt	55	579	579	579.00	0.00	1.00	<b>579</b>	579	0.00	0.147
ftv64.aftsp_8_1.txt	64	977	977	977.00	0.00	2.00	<b>977</b>	978.3	0.00	12.135
ftv64.aftsp_8_2.txt	64	660	660	660.00	0.00	5.00	<b>660</b>	660	0.00	0.129
ftv64.aftsp_8_3.txt	64	1617	1617	1617.00	0.00	0.00	<b>1617</b>	1617	0.00	0.546
ftv64.aftsp_8_4.txt	64	1515	1515	1515.00	0.00	1.00	<b>1515</b>	1515	0.00	0.181
ft70.aftsp_8_1.txt	70	21226	21226	21226.00	0.00	1.00	<b>21226</b>	21233	0.00	9.851
ft70.aftsp_8_2.txt	70	15360	15360	15360.00	0.00	2.00	<b>15360</b>	15360	0.00	0.503
ft70.aftsp_8_3.txt	70	29573	29573	29573.00	0.00	1.00	29603	29625.1	0.10	25.93
ft70.aftsp_8_4.txt	70	26817	26817	26817.00	0.00	1.00	<b>26817</b>	26831.4	0.00	17.007
ftv70.aftsp_9_1.txt	70	849	849	849.00	0.00	7.00	<b>849</b>	851.3	0.00	21.614
ftv70.aftsp_9_2.txt	70	676	676	676.00	0.00	9.00	<b>676</b>	676	0.00	5.387
ftv70.aftsp_9_3.txt	70	1342	1342	1342.00	0.00	2.00	<b>1342</b>	1345.9	0.00	16.253
ftv70.aftsp_9_4.txt	70	1261	1261	1261.00	0.00	1.00	<b>1261</b>	1261	0.00	0.376
kro124p.aftsp_14_1.txt	124	25251	25251	25251.00	0.00	5.00	<b>25251</b>	25258.9	0.00	10.297
kro124p.aftsp_14_2.txt	124	12421	12421	12421.00	0.00	36.00	<b>12421</b>	12537	0.00	42.258
kro124p.aftsp_14_3.txt	124	32025	32025	32025.00	0.00	5.00	<b>32025</b>	32025	0.00	3.557
kro124p.aftsp_14_4.txt	124	18552	18552	18552.00	0.00	18.00	<b>18552</b>	18652.7	0.00	12.49
ftv170.aftsp_19_1.txt	170	1652	1652	1652.00	0.00	159.00	<b>1652</b>	1681.1	0.00	20.442
ftv170.aftsp_19_2.txt	170	1108	1108	1108.00	0.00	901.00	<b>1108</b>	1113.7	0.00	13.357
ftv170.aftsp_19_3.txt	170	2215	2215	2215.00	0.00	46.00	<b>2215</b>	2233.4	0.00	36.051
ftv170.aftsp_19_4.txt	170	1610	1610	1610.00	0.00	56.00	<b>1610</b>	1615.2	0.00	44.617
rbg323.aftsp_34_1.txt	323	337	337	337.00	0.00	20.00	350	357.1	3.86	257.675
rbg323.aftsp_34_2.txt	323	70	70	70.00	0.00	376.00	99	115.8	41.43	146.765
rbg323.aftsp_34_3.txt	323	822	822	822.00	0.00	8.00	825	831.2	0.36	281.562
rbg323.aftsp_34_4.txt	323	335	335	335.00	0.00	41.00	353	357.9	5.37	244.02
rbg358.aftsp_49_1.txt	358	209	209	209.00	0.00	429.00	263	279.4	25.84	310.778
rbg358.aftsp_49_2.txt	358	50	50	50.00	0.00	278.00	80	103.5	60.00	265.425
rbg358.aftsp_49_3.txt	358	658	658	658.00	0.00	8.00	666	679.6	1.22	326.375
rbg358.aftsp_49_4.txt	358	409	409	409.00	0.00	21.00	412	429.2	0.73	325.311
rbg403.aftsp_50_1.txt	403	345	345	345.00	0.00	21.00	376	392.5	8.99	385.274
rbg403.aftsp_50_2.txt	403	32	32	32.00	0.00	534.00	94	103.3	193.75	284.823
rbg403.aftsp_50_3.txt	403	1427	1427	1427.00	0.00	33.00	1438	1456.3	0.77	383.091
rbg403.aftsp_50_4.txt	403	486	486	486.00	0.00	17.00	499	515.3	2.67	389.565
rbg443.aftsp_64_1.txt	443	539	539	539.00	0.00	18.00	553	582.7	2.60	421.204
rbg443.aftsp_64_2.txt	443	156	156	156.00	0.00	863.00	192	204.9	23.08	378.868
rbg443.aftsp_64_3.txt	443	1353	1353	1353.00	0.00	37.00	1356	1380.9	0.22	415.175
rbg443.aftsp_64_4.txt	443	729	729	729.00	0.00	429.00	731	746.6	0.27	407.965
		4019	4019	4019.11	0.00	58.11	4024	4031.60	4.89	73.17

	n	BKS	B&C Cleder				BRKGA-QL com LS			
			LB	UB	GAP	T(S)	Best value	Average Value	gap	t
AsimSingh.aftsp_50_6_1.txt	50	438	438	438	0	0.06	438	439.2	0.00	18.274
AsimSingh.aftsp_50_6_2.txt	50	211	211	211	0	0.29	211	211	0.00	0.818
AsimSingh.aftsp_50_6_3.txt	50	694	694	694	0	0.17	695	695.9	0.14	8.775
AsimSingh.aftsp_50_6_4.txt	50	367	367	367	0	0.07	367	367.1	0.00	16.747
AsimSingh.aftsp_100_14_1.txt	100	1005	1005	1005	0	0.32	1005	1005.7	0.00	34.922
AsimSingh.aftsp_100_14_2.txt	100	465	465	465	0	1.26	465	465.4	0.00	25.408
AsimSingh.aftsp_100_14_3.txt	100	1350	1350	1350	0	0.58	1350	1350.1	0.00	27.766
AsimSingh.aftsp_100_14_4.txt	100	705	705	705	0	0.54	705	705.8	0.00	24.992
AsimSingh.aftsp_150_16_1.txt	150	1185	1185	1185	0	1.84	1185	1185	0.00	24.437
AsimSingh.aftsp_150_16_2.txt	150	735	735	735	0	1.89	735	735	0.00	22.153
AsimSingh.aftsp_150_16_3.txt	150	1770	1770	1770	0	0.89	1770	1770	0.00	1.266
AsimSingh.aftsp_150_16_4.txt	150	885	885	885	0	3.25	885	885.5	0.00	53.701
AsimSingh.aftsp_200_29_1.txt	200	1545	1545	1545	0	2.75	1545	1545	0.00	0.936
AsimSingh.aftsp_200_29_2.txt	200	1050	1050	1050	0	4.10	1050	1050	0.00	12.846
AsimSingh.aftsp_200_29_3.txt	200	2400	2400	2400	0	2.29	2400	2400	0.00	0.512
AsimSingh.aftsp_200_29_4.txt	200	1455	1455	1455	0	3.48	1455	1455	0.00	1.936
AsimSingh.aftsp_250_35_1.txt	250	2145	2145	2145	0	4.60	2145	2145	0.00	0.472
AsimSingh.aftsp_250_35_2.txt	250	1200	1200	1200	0	9.32	1200	1200	0.00	7.576
AsimSingh.aftsp_250_35_3.txt	250	3135	3135	3135	0	4.57	3135	3135	0.00	0.721
AsimSingh.aftsp_250_35_4.txt	250	2445	2445	2445	0	4.58	2445	2445	0.00	0.663
AsimSingh.aftsp_300_34_1.txt	300	2595	2595	2595	0	3.72	2595	2595	0.00	0.708
AsimSingh.aftsp_300_34_2.txt	300	1605	1605	1605	0	20.09	1605	1605	0.00	0.705
AsimSingh.aftsp_300_34_3.txt	300	3825	3825	3825	0	10.76	3825	3825	0.00	0.727
AsimSingh.aftsp_300_34_4.txt	300	2655	2655	2655	0	3.61	2655	2655	0.00	0.65
							1494.42	1494.61	0.01	11.99